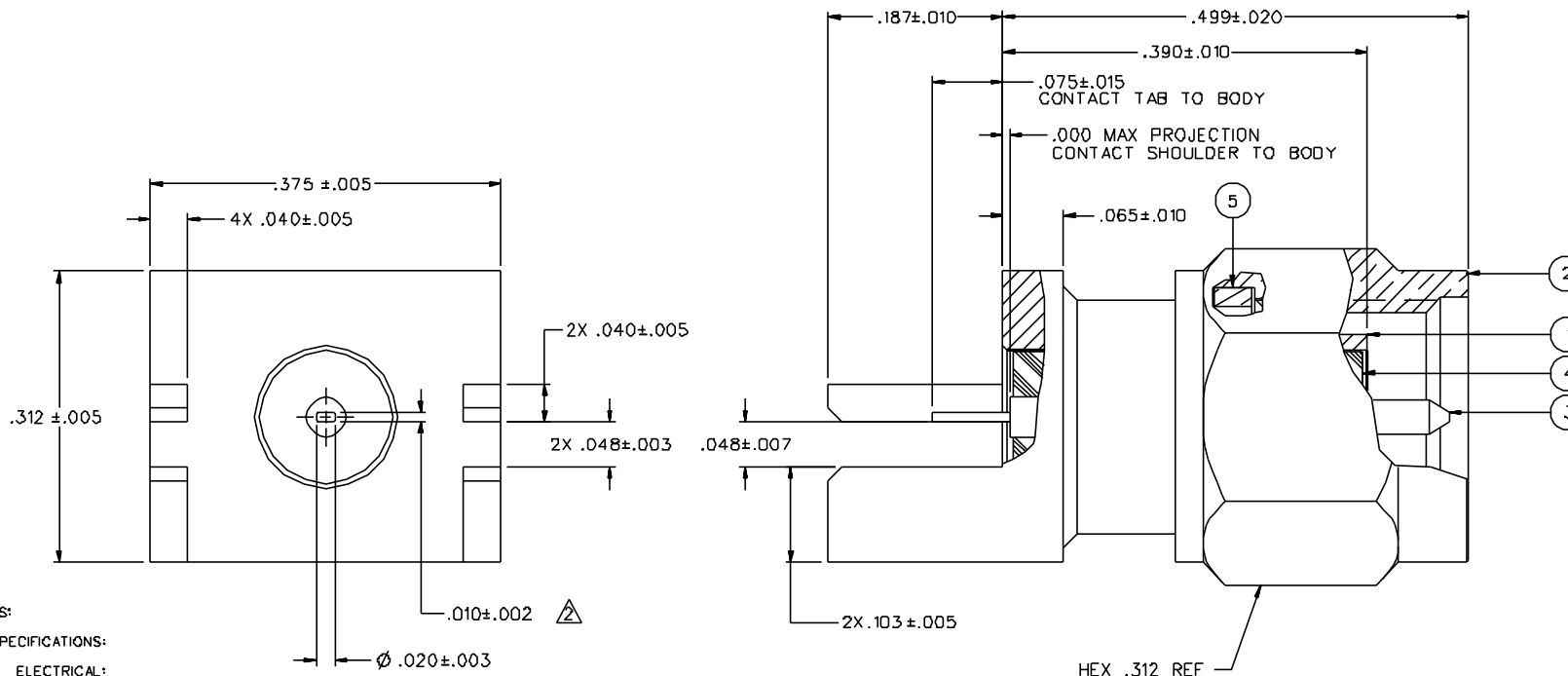


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ RETENTION SPRING
142-0801-831	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED
142-0801-836	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED



NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-18 GHz
 VSWR: NOT APPLICABLE
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 5000 MEGOHMS MIN
 CONTACT RESISTANCE: CENTER CONTACT - INITIAL 3 MILLIOHMS MAX,
 AFTER ENVIRONMENTAL 4 MILLIOHMS MAX
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHMS MAX
 AFTER ENVIRONMENTAL NOT APPLICABLE
 BRAID TO BODY - NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: NOT APPLICABLE
 RF LEAKAGE: NOT APPLICABLE
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 INCH-POUNDS MAX
 COUPLING NUT RETENTION: 60 LBS MIN
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
 4 IN-OZ MIN RADIAL TORQUE
 CABLE ACCEPTABILITY: NOT APPLICABLE
 CABLE RETENTION: NOT APPLICABLE
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 OPERATING TEMPERATURE: -65°C TO 165°C
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
 SHOCK: MIL-STD-202, METHOD 213, CONDITION I
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

2. BOTTOM OF CONTACT TO BE IN LINE WITH MOUNTING LEG WITHIN .010.

DRAWING NO.	C - 142-0801-831/840
0	REVISIONS
ENGINEERING RELEASE	
1	11-16-92 R Y I R 12-18-92 H T A B ECD 41351
	CHANGED: .048-- .007 WAS .048-- .008, UPDATED GRAPHICS ADDED: .025-- .018
1a	2-18-94 R B B B 3-8-94 H B B B ECD 42229
	DELETED: -.825, NOTE 2 TIN/DIP LEADS
1b	6-14-94 R T R B 5-21-94 H A B B ECD 42524
	4X .040-- .005 WAS 2X .040 -- .005, .187-- .010 WAS .187-- .015, GOLD PL .00005 WAS .00003 ADDED: .000 MAX PROJECTION, .075 -- .015, .065-- .010 DELETED: .025-- .005, .025-- .018, .100 -- .015, .000-- .018, .000-- .017, NOTE 2 AND RENUMBERED OTHERS
2	2-25-97 R T B B ECD 44253 H A B B
	STANDARDIZED AND UPDATED FOR REVISED CONTACT
	* REVISION NUMBER FOLLOWED BY AN ALPHA *
	* CHARACTER INDICATES DRAWING CLARITY *
	* CATION OR PART NUMBER ADDITION ONLY *
2a	11-14-01 B B ECD 48088 B B

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
 PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY VET	DATE 9-17-92	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832
DECIMALS _____ mm	CHECKED BY	DATE	
.XXX _____	APPROVED BY VET	DATE 11-18-92	TITLE PLUG ASSEMBLY END LAUNCH SMA
MATL _____	APPROVED BY TAK/RJB	DATE 11-30-92	CODE NO.
FINISH _____	RELEASE DATE 12-18-92		DRAWING NO. C - 142-0801-831/840
		SCALE 10:1	U/N INCH SHEET 2 OF 2